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# NUMBERS & ODDITIES #
//////////////////////////////////// \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
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- Nickname on IRC channels #wun #monitor #numbers: Ary-B -
- - - - -
- Download the complete N&O newsletter from the N&O web site -
- at: http://home.luna.nl/~ary/ -
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-::: N&O #43 November 2001 :::-

Two most interesting catches on 28 October were highlights at the end of last month. The Tajik and Farsi transmissions from the 'Russian' Man and Woman were new to the numbers scene as were both languages. After a quick search on the internet I found alphabet sites with the Farsi and Tajik 'digits' needed to translate the messages.

Some asked for the URLs of alphabet sites. Try these, they are very informative and sometimes have sound samples of the words/letters/digits as well.

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http://www.yourdictionary.com/languages.html
http://www.scifaiku.com/tom/misc/digits/
http://www.bckelk.uklinux.net/menu.html
http://www.onelook.com/browse.shtml

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★ VOICE STATIONS ★

::: FARSI / TAJIK 'RUSSIAN' MAN & WOMAN

On the 28th October I received two very good recordings from one of my correspondents in Central Europe, who copied the station(s) earlier that day. I have put both recordings on the N&O site so that you can download them. Thanks for sending them, OM, and thanks for the Farsi translation, Leif.

The two new 'Russian' Man and Woman broadcasts appeared on 28 October. So far they were reported only once. The languages used are Farsi and Tajik, both languages are new to the numbers scene, as far as I know.

The messages and voices are in Russian Man/Woman style and are most likely related to the situation in Afghanistan. Both were sent to 464.

The full transcripts are as follows:

28 October 2001, 1200 UTC, 17460 kHz, male operator in Farsi

464 464 464 925 925 10 10  
35354 35354 06169 06169 53943 53943 22541 22541 20884 20884  
50556 50556 78740 78740 25868 25868 02224 02224 60468 60468  
925 925 10 10  
00000

28 October 2001, 1300 UTC, 15770 kHz, female operator in Tajik

464 464 464 597 597 13 13  
15716 15716 14720 14720 94778 94778 25223 25223 16261 16261  
36111 36111 31953 31953 26703 26703 56914 56914 77719 77719  
10528 10528 31463 31463 76594 76594  
597 597 13 13  
00000

Full recordings have been uploaded to <http://home.luna.nl/~ary>

Here are the 0-9 counts in Farsi and Tajik, for your convenience.

Digit	Farsi	Tajik
0	Sefr	Sifr
1	Yeg	Yak
2	Dow	Du
3	Seh	Se
4	Cha'har	Chor
5	Pang	Panj
6	Shesh	Shash
7	Haft	Haft
8	Hasht	Hasht
9	Noh	Noh

<<<<<>>>>>

::: E03

Lincolnshire Poacher idents compiled by Axel Kruse.

IDs as of November 1st, 2001

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	99609	99609	99609	99609	99609	99609	99609	1200
1300	01091	01091	01091	01091	01091	01091	01091	1300
1400	73783	02799	58788	47676	99609	30888	15860	1400

1500	15860	73783	02799	58788	47676	99609	71412	1500
1600	71412	15860	73783	02799	58788	47676	30888	1600
1700	30888	71412	15860	73783	02799	58788	99609	1700
1800	99609	30888	71412	15860	73783	02799	47676	1800
1900	47676	01091	30888	01091	15860	73783	01091	1900
2000	01091	99609	01091	71412	01091	15860	58788	2000
2100	58788	47676	99609	30888	71412	01091	02799	2100
2200	02799	58788	47676	99609	30888	71412	73783	2200

IDs as of Nov 15, 2001

UTC	Mon	Tue	Wed	Thu	Fri	Sat	Sun	UTC
1200	24938	24938	24938	24938	24938	24938	24938	1200
1300	13324	13324	13324	13324	13324	13324	13324	1300
1400	70077	11022	55557	27669	24938	94817	00943	1400
1500	00943	70077	11022	55557	27669	24938	22689	1500
1600	22689	00943	70077	11022	55557	27669	94817	1600
1700	94817	22689	00943	70077	11022	55557	24938	1700
1800	24938	94817	22689	00943	70077	11022	27669	1800
1900	27669	13324	94817	13324	00943	70077	13324	1900
2000	13324	24938	13324	22689	13324	00943	55557	2000
2100	55557	27669	24938	94817	22689	13324	11022	2100
2200	11022	55557	27669	24938	94817	22689	70077	2200

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::: E10

I heard an E10 anomaly on 20 November on 14000 kHz at 1458-1500 UTC. I was looking for E15 and tuned in at 1458. I heard ART2 with intervals of 30 seconds till 1500 UTC. At 1500, I heard only 'Alpha' followed by a slow '.-' ('A' in morse); then they signed off. I kept listening till 1506 but heard nothing else.

Tomonori copied this string on 6 November at 1603 UTC, on 7445 kHz:  
MIWAQ8NAD

An 'ABC' transmission was heard on 14000 kHz at 1700 UTC. Date unknown.

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::: E15

Egypt based station E15 is still around. Only reports for 14 MHz come in these days. I wonder if the rest of the old schedule is still working. Can anyone from the east Mediterranean area check this out?

'Frank Young Peter' was on the air at 1100, 1600 and 1700 UTC with QRU

'Queen Robert Union' notes. All transmissions were on 14000 kHz.

The schedule that was used last year is as follows:

UTC	frequency	callsign
1100	18000	BEC - Baker Edward Charlie
1200	17502.5	WSP - William Susan Peter
1230	11170	MSA - Mary Susan Adam
1300	11000	BEC - Baker Edward Charlie
1400	14000	FYP - Frank Young Peter
1630	6716	MSA - Mary Susan Adam
1700	14000	FYP - Frank Young Peter
1730	5834	MSA - Mary Susan Adam
1800	5834	WSP - William Susan Peter
1900	4130	SAR - Susan Adam Robert
2000	5530	NAS - Nancy Adam Susan
2100	4130	OSS - Otto Susan Susan

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::: E17

E17 was reported on three frequencies; 5925 kHz at 0200 UTC, 6865 kHz at 0200 UTC, and 9216 kHz at 1130 UTC with 5Fgs messages to the same recipients.

Format:

780 346 346 298 298 (id, key, group count)

5FGs message

ends with: 346 346 298 298 0 0 0 0 0

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::: S11A

S11A appeared on a frequency on Monday, 5 November at 0800 UTC on 8186 kHz. The id was 976/00. This id has always been used by S11's morse sister. <info: CR>

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\* MORSE STATIONS \*

::: M10

Still going strong on various frequencies and times (Freq/UTC).

4030 / 2100      4783 / 0400      4783 / 2100      5027 / 0216



M13, 23 November, 2245 UTC, 5667 kHz

757 757 757 (R5) =

231 22 =

2271T 47139 231T9 4T494 T1554 T2631 41449 29275 483T3 51689 T913T

47393 34156 5T565 36T7T 51554 36256 T7TTT 22284 3271T 75... 12119 =

757 757 757 757 757 757 757 757 757 757 757 757 757 =

231 22 =

2271T 47139 231T9 4T494 T1554 T2631 41449 29275 483T3 51689 T913T

47393 34156 5T565 36T7T 51554 36256 T7TTT 22284 3271T 75... 12119 =

TTT

Missed the 21st group twice :-(

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::: M21 RUSSIAN AIR DEFENSE

I got reports for the following set of frequencies this month:

4071.5, 4631.5, 5313, 5315, 5873, 5920, 6906.5, 7071 kHz

Messages as usual:

=991259??8?????

=991944??0?????

=99?TT56?9?????

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::: M40

Our friends in Japan are receiving M40 quite well on 4662, 8259, and 10620 kHz.

VVV CQ 747.222

VVV CQ 747.228

VVV CQ 747.222

M40 sends 5FGs messages and ends with AR AR VA VA

<<<<<>>>>

::: M63

Romanian station 'A2A' is now almost always on 4085 and 6767 kHz, with the out-stations answering on 5444 kHz. Its times are unreliable, but usually 0600 UTC and some variable time between 2030 and 2130 UTC; call-up on CW and traffic on his its unreadable variety of RTTY (speed

115.7bd, ACF 23). <info: John>

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::: M76

M76 is back again, probably because of the changing conditions. It still uses the same times and frequencies, 0500 and 1750 UTC on 3819 kHz. The 0500 UTC transmission is stronger here in W.Europe than the 1750 transmission.

Reports are most welcome folks! I think that dxers in central Europe will have the best chance to hear them clearly. Can anyone of you please write down a couple of morning and evening messages?

The preamble, always starts with 26310, and in the centre of the preamble is sent RRRRR followed by either 202XX 206XX or 207XX, this is quite often followed by WWWWW and further groups starting with a 7. The preamble ends with NNNNN. Messages always start with 40545, and the first nine groups are significant. They are related to each of the same groups in other messages. The figures 505 always appear in the first three groups. Each message always ends 437. This has been the same for four years now. Weird! <info: CR>

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::: L9CC

Station L9CC is still banging away with its ever lasting marker  
'V CP17 CP17 CP17 de L9CC L9CC'

Heard on 7044 and 7058 kHz this month. Still unclear whether the station transmits from China or Russia. This asks for further direction finding activities. The German PTT says that L9CC transmits from near Moscow, while radio amateurs say that the signal comes from China.

-0-0-0-0-0-0-0-0-0-

\* OTHER MODES \*

::: THE BUZZER / UVB76 [S28]

The buzzer has fans! Recently Jan Michalski created a website for our buzzing friend. It includes sound samples of the station and some general info. Be sure to visit the site at

<http://www.geocities.com/uvb76/>

The site gives the following particulars for the station:

Callsign : UVB76  
Frequency : 4625 khz  
Mode : A3E  
Hours of ops : 24h  
Location : 55N50/36E47  
(40 km West of Moscow, 10 km North of Zvenigorod)  
Modulation : Buzzer 0.8 sec., pause 1-1.3 sec., repeating 21-34  
times per minute. (Clear tone beeps observed in 1980's)  
Power : ~10 kW  
Antenna : Omnidirectional  
Operator : Ministry of Defense  
Schedule : 24h; daily at 1000-1050 MSK switch to back-up low  
power transmitter.  
Purpose : Channel marker; point-to-point voice communications  
link covering Moscow oblast and Central Russia.  
Traffic : Rare control messages (Rus. "reskript") in Russian,  
male operator, live ; content example: "UVB-76. 74,  
148. Antimonat. 26, 37, 09, 31." (repeated several  
times)  
First heard : Around 1982  
Malfunctions : Stoppages, background noise, distorted oscillator  
("buzzer") signal, insertions of 1000 Hz tone, on-air  
conversations by staff during malfunctions, 2nd and  
3rd harmonics (9250 and 13875 kHz)

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::: XPH

The following three messages were recorded on 9 and 13 November. This  
one was heard on 9 November, schedule 481, at 2100/2120/2140 UTC:

481 481 481 1 481 481 481 1 481 481 481 1 481 481 481 1 481 481 481 1  
481 481 481 1 481 481 481 1 481 481 481 1 481 481 481 1

09368 00181 85812 63263 19765 97613 48778 93434 51861 31073 41315 31782  
72568 16397 35622 85152 63860 03526 82824 63017 60720 12591 22654 17366  
30420 81505 14818 95578 74888 54962 07651 41365 28288 25793 74496 65025  
49911 36886 04962 77338 52741 87673 27268 86288 46858 29626 04211 74054  
14696 60594 08340 04836 87490 25773 49946 39002 92783 78285 06858 18915  
79622 07032 24132 68890 66692 56800 45785 12161 13902 66980 37429 47737  
67453 52102 17178 98858 05308 74282 01943 04459 11684 73703 95115 70637  
40672 52135 87809 39293 17828 51640 71005 91330 12385 39370 11598 31689  
59880 27269 14617 57572 42276 52022 68398 99971 83226 15136 41192 77895  
64351 44393 12007 38698 14289 29106 09649 77355 19241 17318 97412 40269  
23073 52790 49131 92640 93560 48309 44146 85607 91305 03204 24205 82122



76817 12876 81202 61178 90386 30254 40961 90816 30092 82177 29457 69676  
09490 41573 35688 32057 16340 79375 34541 80244 87285 51935 50113 79194  
93328 86925 97058 33632 61841 34102 24174 63913 89561 23128 56114 80926  
72326 04128 28177 23548 90910 02901 04735 00842 88866 66383 45734 53196  
45440 40347 64426

Schedule 771 (2110/2130/2150 UTC) has been active throughout the month.  
After an initial start by XPH on this sked, M12 took over for one week  
and returned it to XPH again.

The following 771 null message was also copied on 9 November:

771 000 771 771 771 000 771 771 771 000 771 771 771 000 771 771 771 000  
771 771 771 000

This one was transmitted on 13 November. It was very noisy and the  
signal was much weaker than usual, hence some gaps in the text.

771 771 771 1 771 771 771 1 771 771 771 1 771 771 771 1 771 771 771 1  
771 771 771 1 771 771 771 1 771 771 771 1 771 771 771 1

00526 001.. 61444 57750 53404 85214 48552 92699 94914 11789 62318 02517  
98705 52538 68996 41253 98571 45712 35906 98016 40988 64467 26408 03520  
51075 34726 43685 45490 59575 05889 50362 62680 52277 16524 79630 81939  
78243 77654 21127 85818 4...4 56801 78709 92187 29505 54498 83722 38810  
24991 80749 08582 49969 89746 68046 29118 67562 40207 95.5. 79877 00756  
30923 78279 02749 86412 60266 26976 24826 96416 72576 25954 46425 87826  
98939 52637 18917 79539 04117 70118 71971 86069 36735 69627 35266 05248  
15399 78329 05060 00609 20128 82694 55071 92710 81733 41698 78363 21793  
20846 9322. 56526 08632 54225 11607 50141 42006 83094 79695 03254 98340  
71990 31263 48113 88466 01282 55728 70725 79536 65083 92402 25494 69107  
89081 63538 58480 22617 42933 85328 57240 03489 85185 39651 52741 92287  
30330 71856 33741

Expected schedules for December:

0700 UTC: 11024 kHz, 0720 UTC: 12224 kHz, 0740 UTC: 13924 kHz  
2100 UTC: 6848 kHz, 2120 UTC: 5776 kHz, 2140 UTC: 4637 kHz  
2110 UTC: 6934 kHz, 2130 UTC: 5927 kHz, 2150 UTC: 5359 kHz  
note that the latter schedule may carry M12 instead of XPH.

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::: FAPSI / RUSSIAN DIPLO [X06/M42]

The number of logs of Russia's diplomatic stations has drastically  
declined this year. Less (readable) transmissions, or less monitors?  
Probably a combination. On request a rundown of the stations that have

been reported since January 2001.

'Mazielka' is a military nickname of the selcall system that FAPSI uses to call stations outside the fixed schedule, or to call stations that have no fixed schedule at all. The Mazielka has ENIGMA code X06 while the normal transmissions are coded as M42. M42 uses various digital modes. These transmissions are often preceded by CW call-ups.

Frequency	UTC	link	from	to	remarks
-----	----	-----	----	-----	-----
5232	2211				Mazielka calls
5270	0016				Mazielka calls
5778	2130				Mazielka calls + rtty
6496	2004				Mazielka calls
6874	2140				Mazielka calls
6884	2356				Mazielka calls
6892	2214				Mazielka calls
6959	2016				Mazielka calls
7526	2002				Mazielka calls
7600,4	2229				Mazielka calls
7749	1820	00132		RNO	
7944	1700			KNA	QSOX 8157 kHz
8008	2158	70037	RXY	RAD	QSOX 9257 kHz
8027	2250				Mazielka calls
8081	2112				Mazielka calls
8085	2145				Mazielka calls
8085	2212				Mazielka calls
8157	1700		KNA		QSOX 7944 kHz
8184	2053	00132		RNO	
9102	2225				Mazielka calls
9114	1527	80061	VNB	WQL	
9216	0052	00119		GMN	
10390	1745	40023			
10546	2000				Mazielka calls
10767	1535	70004		NOB	
10767	1550	70004		NOB	
10767	1631	70007			
11074	1643	20008			
11114	1610				Mazielka calls
11424	1458	80061	VNB	WQL	QSOX 12083 kHz
11460	1628	60047		URO	QSOX 12193 kHz
11545	1306				Mazielka calls
11637	0045	00119		GMN	
12134	0540				Mazielka calls + rtty
12136	1545	00098		VTX	
12157	1430	70037	RXY	RAD	
12176	0856	?			
12196	2158	00125		WFO	

12215	1020	00132		RNO	Q SX 13848 kHz
12239	1540	70004		NOB	
13452	2232	00127		JMS	
13468	1524	80061	WQL	VNB	
13470	1432	80061	VNB	WQL	
13548	1617				Mazielka calls
13548	1617				Mazielka calls
13848	1039	00132	RNO		
13852	1041	00132	RNO		
14397	0821	00132	RNO		
14402	1200			UGL	
14457	1332	00125		WFO	
14457	2110	00125		WFO	
14457	2145	00125		WFO	
14475	0830	60047		URO	
14485	1610	11063		RDT	
14536	1715				Mazielka calls
14787	1438	00125		WFO	QSY to 16218 kHz
14787	1904	00125		WFO	QSY to 16218 kHz
14805	1512	?			
14808	0835	50046			
14817	1720				Mazielka calls
14817	1714				Mazielka calls
14817	1730	40023			
14820	1540	60069		EWZ42	
14821	1725				Mazielka calls
14843	2227	00127		JMS	
14850	1615	00012			
14941	1802	00139		WNY	
14968	1522	00125		WFO	
15822	1750				Mazielka calls
16066	1128	10020			Q SX 18658 kHz
16152	1547	60069		EWZ42	
16153	0827	60047		URO	
16165	1610				Mazielka calls
16195	0746	00189			
16218	1342	00148		YBU	
16218	1408	00125		WFO	
16218	2149	00125		WFO	
16227	1606	40034		UXW	
16232	1337	60047		URO	
16236	1410	00052		NQX	
16275	0820	00051			
16295	0545	00149		DZR	
17412,5	1653	50035		JUA	
17421	1705	50035		JUA	
17463	1530	10163		UDZ27	
17473	0928	10163		UDZ27	

18193	0956	40034	UXW	
18401	2050	00128	KAC	
18410	0910	40078		
18523	0550	30004		
18523	1455	30044		
18562	2219	00125	WFO	
18618	0822	00052	NQX	
18752	0735			Mazielka calls
19088	1758	00139	WNY	
19211	0950	00050		
19354	0653	80038	RPO	
19354	0838	80038	RPO	
19611	0920	10163	UDZ27	
19855	0822	10020		
20605	0930	10163	UDZ27	Q SX 22887 kHz
20615	0920	?		
20690	1140	80038	RPO	
20817	1600			Mazielka calls
20991	1347	00099	RSZ	
23458	1046			Mazielka calls

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\* INTELLIGENCE NEWS \*

::: AL-QAEDA / TALIBAN

Indian intelligence officials state that the Taliban has not only an alliance with Pakistan's Inter-Service Intelligence agency, but behind the scenes China is said to be one of the key players. India says that it has enough evidence to prove that rocket systems and anti-aircraft guns, which passed from Taliban into the hands of pan-Arab terrorists in Kashmir came from Chinese agents.

According to government officials in the US and UK, the anti-terror coalition will probably also attack Al-Qaeda related targets in other countries. Somalia, Yemen, Sudan and the Philippines are likely targets. MI6 and the CIA have assembled proof that these countries have ties with Bin Laden or that Al-Qaeda has training camps there. To be more specific:

PHILIPPINES:

The Islamic freedom fighters, notorious for the kidnapping of tourists, are reportedly backed by Al-Qaeda

SOMALIA:

The Al-Itihaad group is a possible target in Somalia. The group has been linked to Al-Qaeda through Muhammad Atef, Bin Laden's right hand,

who was killed in Afghanistan a couple of weeks ago.

#### SUDAN:

Bin Laden lived until 1996 in Sudan and is married to a niece of former member of parliament Hassan al-Turabi, who gave Bin Laden shelter for five years.

Sudan harbors a number of terrorist groups. President Clinton signed an executive order a couple of years ago, imposing comprehensive economic sanctions on Sudan for its sponsorship of international terrorism, and its efforts to destabilize neighboring countries. These sanctions ban all US exports to Sudan and impose a total ban on imports from Sudan, and prohibit US investment there.

#### YEMEN:

Yemen is another very likely target. Especially after the bomb attack on the USS Cole at Aden in 2000, where 17 Americans died. Al-Qaeda is said to have training camps in the northern part of Yemen.

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#### ::: RUSSIA

I got this from an anonymous source. Thanks for sending it! This gives some info about the influence of the Russian president, Vladimir Putin on critical ministries and administrations.

According to Presidential Edicts #867 of 20 May 2000, and #1013, dated 3 June 2000, the following ministries and state agencies come under direct presidential control:

- Ministry of Internal Affairs
- Ministry of Emergency Situations
- Ministry of Foreign Affairs
- Ministry of Defense
- Ministry of Justice
- Foreign Intelligence Service
- Federal Railroad Troops Service
- Federal Security Service
- Federal Tax Police Service
- Federal Protection Service
- Federal Border Service
- Federal Government Communications and Information Agency (FAPSI)
- Main Territorial Administration
- Main Administration of Domestic Policy
- Main Control Administration
- Main Administration of State and Law
- Secretariat of the Director
- Foreign Policy Administration

Personnel Administration  
 Economics Administration  
 Expert Administration  
 Administration for State Awards  
 Administration on Citizenship Issues  
 Administration on Questions of Issuing Pardons  
 Protocol Administration  
 Press Service Administration  
 Organizational Administration  
 Chancellery  
 Administration for Information and Document Support  
 Administration for Work with Citizen's Appeals  
 Reference Staff Office  
 Administration on Cossack Affairs

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\* LOGS SECTION \*

A very quiet month. I could only find 51 logs in the on-line database for November. The majority of the following 500 logs come from WUN contributors or were sent directly to me. Thanks for submitting your logs, gentlemen!

2362	C5JZ	Czech or Slovak mil. Marker AISW. 5FGs msgs from C5JZ to AISW CW 22-11-2001 Thu 2208 (AB)
2362	SWCB	Czech or Slovak mil. Marker UPV2. 5FGs msgs from SWCB to UPV2 CW 10-11-2001 Sat 2320 (AB)
2555	M51	French intel/mil NR 53 N 1922:59:59 2001 = 5LGs CW 19-11-2001 Mon 2200 (RGA)
2555	M51	French Intel/mil. in progress CW 22-11-2001 Thu 2153 (AB)
2686	G6ZW	Russian mil. 918 27 20 0100 918 = 807 = 5LGs = 20024 CW 19-11-2001 Mon 2205 (RGA)
2851	KIPV	Slovak mil?? Callsign marker + msgs CW 19-11-2001 Mon 2020 (RGA)
3177.5		unid 239/239/239/239/239 for ca 5 mins RTTY 50bd 18-11-2001 Sun 2102 (PILE)
3195	MX	Russian mil Izhevsk. Channel marker 'R' CW 21-11-2001 Wed 2118 (AB)
3246	M13	id 525 CW 10-11-2001 Sat 2200 (AB)
3246	M13	id 525. Barely audible. Buried under a high speed modem CW 11-11-2001 Sun 2200 (AB)
3246	M13	id 525 CW 25-11-2001 Sun 2200 (AB)
3354		Unid. 5FGs in progress. No end. Just stopped CW 26-11-2001 Mon 2035 (AB)
3359	E10	Israeli Intel. VLB2 AM 19-11-2001 Mon 2230 (RGA)
3618	M51	French intel/mil NR 53 N 1922:59:59 2001 = 5LGs CW 19-11-2001 Mon 2200 (RGA)

3618 M51 French Intel/mil. in progress CW 22-11-2001 Thu 2150 (AB)  
3657 M13 473 14-10-2001 Sun 2100 (HFD)  
3819 M76 Very weak. Lots of QRM CW 05-11-2001 Mon 0500 (AB)  
4015 E10 KPA2 //6912//8641 USB 08-11-2001 Thu 1619 (TI)  
4017.0 V02a too much QRM from RTTY to copy AM 20-11-2001 Tue 0300 (BM)  
4026 M10 tentative. In progress. 5FGs ends with = = T5 T5 51  
51 TTT CW 26-11-2001 Mon 2018 (AB)  
4028.0 V02a Ham/Rtty QRM AM 16-11-2001 Fri 0100 (RU)  
4030 M10 ..... 19 19 41 41 = = 5FGs = = and T71 T71 T71 38 38  
39 39 = = 5FGs = = 38 38 39 39 TTT CW 10-11-2001  
4030 M10 555 619 7T 19 = = 5FGs CW 21-11-2001 Wed 2100 (AB)  
4450 M13 378 08-10-2001 Mon 2100 (HFD)  
4451 M13 378 20-10-2001 Sat 2100 (HFD)  
4555 M45 555 //4955 02-10-2001 Tue 1802 (HFD)  
4558 MX Cluster beacon Moscow 'C' CW 10-11-2001 Sat 2108 (RGA)  
4625 S28 Buzzer USB 27-10-2001 Sat 1504 (TI)  
4625 S28 Buzzer USB 06-11-2001 Tue 1415 (TI)  
4631.5 M21 Russian Air Defense. =99?215T?9????? CW 14-11-2001 Wed  
1850 (PP)  
4631.5 M21 Russian Air Defense. =99?TT56?9????? CW 22-11-2001 Thu  
2156 (AB)  
4770 E06 Russian Man AM 02-11-2001 Fri 2140 (JB)  
4770 E06 Russian Man in progress AM 02-11-2001 Fri 2142 (AB)  
4780 E10 Mossad, Israeli Intel. //7811.0 SYN2 USB 06-11-2001  
Tue 1647 (AY)  
4782 M10 555:619-75/17=##### 071-33/22=2883# 01-10-2001 Mon  
2100 (HFD)  
4880 E10 Mossad, Israeli Intel. ULX2 USB 06-11-2001 Tue 1704  
4927 M13 id 411 CW 18-11-2001 Sun 2130 (AB)  
4955 M45 555 //4555 02-10-2001 Tue 1802 (HFD)  
5109 XPH Sked 841. Long message AM 09-11-2001 Fri 2140 (AB)  
5109 XPH USB 09-11-2001 Fri 2140 (TI)  
5128 M13 id 261 CW 05-11-2001 Mon 2000 (AB)  
5154 MX Cluster beacon C CW 08-11-2001 Thu 1607 (TI)  
5154 MX Russian navy Moscow 'C' CW 09-11-2001 Fri 1521 (TI)  
5154 MX Russian Navy Moscow. Cluster Beacon C CW 10-11-2001  
Sat 2349 (AB)  
5159 M22 4XZ. Israeli navy Haifa. VVV DE 4XZ CW 11-11-2001 Sun  
0032 (AB)  
5162 M12 771 1 + 5FGs. Ends 000 000 CW 02-11-2001 Fri 2150 (AB)  
5162 XPH Sked 771, msg 13-11-2001 Tue 2150 (AB)  
5162 XPH Message AM 23-11-2001 Fri 2150 (JM5)  
5162 XPH Sked 771. Msg AM 23-11-2001 Fri 2150 (AB)  
5170 E10 KPA2 //8127//6912 USB 30-10-2001 Tue 1520 (TI)  
5170 E10 Israeli Intel. USB 06-11-2001 Tue 1532 (TI)  
5170 E10 Israeli Intel. MIW2 USB 09-11-2001 Fri 1517 (TI)  
5230 E10 Israeli Intel. VLB2 //7605 USB 02-11-2001 Fri 1548

5230 E10 Israeli Intel. VLB2//7605 USB 06-11-2001 Tue 1547 (TI)  
5230 E10 Mossad, Israeli Intel. VLB2 USB 06-11-2001 Tue 1650  
5230 E10 Israeli Intel. VLB2 USB 09-11-2001 Fri 1447 (TI)  
5230 E10 Israeli Intel. VLB2//7605 USB 10-11-2001 Sat 1447 (TI)  
5230 E10 Israeli Inte. VLB2 AM 10-11-2001 Sat 2350 (AB)  
5270 M29 56/36:1 1000=48001 01-10-2001 Mon 0830 (HFD)  
5270 X06 FAPSI selcal AM 11-11-2001 Sun 0016 (AB)  
5313 M21 =992344?8?????. Time is UTC+3 CW 26-11-2001 Mon 2044 (AB)  
5315 M21 Russian Air Defense. 990016??8; 990017??8; 990019?9  
plots CW 10-11-2001 Sat 2115 (RGA)  
5339 E10 Israeli Intel. CI02//8025 USB 06-11-2001 Tue 1547 (TI)  
5339 E10 Israeli Intel. CI02 AM 10-11-2001 Sat 2351 (AB)  
5419.0 M08a (in progress) CW 10-11-2001 Sat 0200 (MS)  
5435 E10 Israeli Intel. ART USB 30-10-2001 Tue 1534 (TI)  
5435 E10 Israeli Intel. ART USB 02-11-2001 Fri 1603 (TI)  
5435 E10 Israeli Intel. USB 06-11-2001 Tue 1338 (TI)  
5435 E10 Israeli Intel. ART USB 06-11-2001 Tue 1434 (TI)  
5435 E10 Israeli Intel. ART USB 06-11-2001 Tue 1533 (TI)  
5435 E10 Mossad, Israeli Intel. ART USB 06-11-2001 Tue 1705  
5435 E10 Israeli Intel. ART USB 08-11-2001 Thu 1532 (TI)  
5435 E10 Israeli Intel. USB 08-11-2001 Thu 1647 (TI)  
5435 E10 Israeli Intel. USB 09-11-2001 Fri 1517 (TI)  
5435 E10 Israeli Intel. ART USB 09-11-2001 Fri 1532 (TI)  
5435 E10 Israeli Intel. USB 10-11-2001 Sat 1432 (TI)  
5435 E10 Israeli Intel. ART USB 10-11-2001 Sat 1503 (TI)  
5435 E10 Israeli Intel. USB 10-11-2001 Sat 1535 (TI)  
5435 E10 Israeli Intel. in progress AM 10-11-2001 Sat 2352 (AB)  
5448 M13A 847 847 847 TTT + 5FGs CW 12-11-2001 Mon 2100 (AB)  
5448 M13A 847 847 847 TTT + 5FGs CW 13-11-2001 Tue 2100 (AB)  
5667 M13 id 757 CW 23-11-2001 Fri 2245 (AB)  
5715 V24 South Korean female 3825 61 AM 06-11-2001 Tue 1600  
5756 4XML V B3R7 DE 4XML. Endless slip CW 26-11-2001 Mon 2120  
(AB)  
5778 X06/M42 FAPSI. Selcal followed by a M42 RTTY msg. I missed the  
header AM/RTTY 05-11-2001 Mon 2130 (AB)  
5809 XPH Null msg AM 02-11-2001 Fri 2120 (AB)  
5809 XPH Sked 841. Long message AM 09-11-2001 Fri 2120 (AB)  
5809 XPH USB 09-11-2001 Fri 2121 (TI)  
5809 XPH Sked 481. Null msg AM 13-11-2001 Tue 2120 (AB)  
5809 XPH Null msg AM 23-11-2001 Fri 2120 (JM5)  
5809 XPH Sked 481. Null msg AM 23-11-2001 Fri 2120 (AB)  
5820 E10 Israeli Intel. USB 06-11-2001 Tue 1418 (TI)  
5820 E10 Israeli Intel. YHF //7918 USB 06-11-2001 Tue 1433 (TI)  
5820 E10 Israeli Intel. YHF USB 06-11-2001 Tue 1533 (TI)  
5820 E10 Israeli Intel. YHF USB 06-11-2001 Tue 1632 (TI)  
5820 E10 Israeli Intel. USB 08-11-2001 Thu 1647 (TI)  
5820 E10 Israeli Intel. YHF//7918 USB 09-11-2001 Fri 1432 (TI)  
5820 E10 Israeli Intel. YHF//7918 USB 09-11-2001 Fri 1502 (TI)



5820	E10	Israeli Intel. USB 10-11-2001 Sat 1535 (TI)
5830	M03	287/00 14-10-2001 Sun 1630 (HFD)
5925.0	E17	In prog; ends 346 346 298 298 0 0 0 0 0 (thanks nathan) AM 14-11-2001 Wed 0219 (BM)
5925.0	E17	in progress at 0230, 346 298 key/GC. strong signal AM 14-11-2001 Wed 0230 (RU)
5925.0	E17	ID 780 346 Key/GC repeat of transmission of 11/14, strong signal AM 15-11-2001 Thu 0200 (RU)
5925.0	E17	tones started @ 0120 msg 780 346 298 AM 15-11-2001 Thu 0200 (BM)
5925.0	E17	78 0 346 346 298 298 89450... AM 15-11-2001 Thu 0200 (NSC)
6215	V24	South Korean female 6535 38 AM 09-11-2001 Fri 1530
6215	V24	South Korean female AM 10-11-2001 Sat 1530 (TI)
6261	M01	463-516/32=41389 no EoM 27-10-2001 Sat 1500 (HFD)
6270	E10	Israeli Intel. ULX2//8805 USB 08-11-2001 Thu 1534 (TI)
6270	E10	Israeli Intel. ULX USB 08-11-2001 Thu 1632 (TI)
6270	E10	Israeli Intel. ULX2 USB 08-11-2001 Thu 1702 (TI)
6270	E10	Israeli Intel. ULX USB 09-11-2001 Fri 1502 (TI)
6270	E10	Israeli Intel. ULX//7760 USB 10-11-2001 Sat 1503 (TI)
6306	M13	261 08-10-2001 Mon 1900 (HFD)
6306	M13	261 08-10-2001 Mon 2000 (HFD)
6306	M13	261 21-10-2001 Mon 1900 (HFD)
6370	E10	Israeli Intel. MIW2 USB 30-10-2001 Tue 1520 (TI)
6417	XSL	Slot machine 10-11-2001 Sat 1846 (AB)
6445	XSL	Slot machine 10-11-2001 Sat 1848 (AB)
6485	E03	LP 73783 //8464 USB 08-11-2001 Thu 1702 (TI)
6498	E10	Israeli Intel. USB 02-11-2001 Fri 1549 (TI)
6498	E10	Israeli Intel. PCD USB 06-11-2001 Tue 1534 (TI)
6498	E10	Israeli Intel. PCD2 USB 06-11-2001 Tue 1602 (TI)
6498	E10	Israeli Intel. PCD2 USB 06-11-2001 Tue 1632 (TI)
6498	E10	Israeli Intel. PCD USB 08-11-2001 Thu 1534 (TI)
6498	E10	Israeli Intel. PCD2 USB 08-11-2001 Thu 1602 (TI)
6498	E10	Israeli Intel. USB 08-11-2001 Thu 1647 (TI)
6498	E10	Israeli Intel. PCD2//8805 USB 08-11-2001 Thu 1702 (TI)
6498	E10	Israeli Intel. USB 10-11-2001 Sat 1536 (TI)
6508	M01	463-103/40=49892 21-10-2001 Sun 0700 (HFD)
6724	M13	284 19-10-2001 Fri 2000 (HFD)
6768.0	V02a	A 28082 32562 94191; repeat of 0300/10445 sked AM 12-11-2001 Mon 0400 (BM)
6781	M12	771 1 + 5FGs. Ends 000 000 CW 02-11-2001 Fri 2130 (AB)
6781	XPH	Sked 771. Null msg AM 09-11-2001 Fri 2130 (AB)
6781	XPH	Sked 771, msg 13-11-2001 Tue 2130 (AB)
6781	XPH	Sked 771. Msg AM 23-11-2001 Fri 2130 (AB)
6781	XPH	Message AM 23-11-2001 Fri 2130 (JM5)
6840.0	E10	In Progress USB 11-11-2001 Sun 0236 (VAUS)
6855.0	V02a	A 28082 32562 94191 AM 12-11-2001 Mon 0300 (BM)
6874	X06	FAPSI. Selcal for 7 minutes AM 06-11-2001 Tue 2140

6884	X06	FAPSI selcall AM 10-11-2001 Sat 2356 (AB)
6887	M13	387 08-10-2001 Mon 2000 (HFD)
6887	M13	387/0 23-10-2001 Tue 2000 (HFD)
6912	E10	KPA2 //8127//5170 USB 30-10-2001 Tue 1519 (TI)
6912	E10	Israeli Intel. KPA2 AM 04-11-2001 Sun 0220 (MADX)
6912	E10	Israeli Intel. VLB2 AM 04-11-2001 Sun 0250 (MADX)
6912	E10	Israeli Intel. KPA2 AM 04-11-2001 Sun 0310 (MADX)
6912	E10	KPA2 //8641//4015 USB 08-11-2001 Thu 1617 (TI)
6920	M13	254 03-10-2001 Wed 2100 (HFD)
6920	M13	254 04-10-2001 Thu 2100 (HFD)
6945	S17C	85042 01-10-2001 Mon 1250 (HFD)
6945	S17C	91033 03-10-2001 Wed 1250 (HFD)
6945	S17C	94032 05-10-2001 Fri 1250 (HFD)
6945	S17C	11037 06-10-2001 Sat 1250 (HFD)
6945	S17C	95036 08-10-2001 Mon 1250 (HFD)
6945	S17C	11056 10-10-2001 Wed 1250 (HFD)
6945	S17C	91036 12-10-2001 Fri 1250 (HFD)
6945	S17C	94038 13-10-2001 Sat 1250 (HFD)
6945	S17C	12033 14-10-2001 Sun 1250 (HFD)
6945	S17C	87035 20-10-2001 Sat 1250 (HFD)
6945	S17C	99050 27-10-2001 Sat 1250 (HFD)
6945	S17C	99038 28-10-2001 Sun 1250 (HFD)
6959	E03	LP in progress USB 10-11-2001 Sat 2236 (AB)
6959	E03	Lincolnshire Poacher. id 94817 USB 22-11-2001 Thu 2100 (AB)
6959	E03	Lincolnshire Poacher. Id 22689 USB 23-11-2001 Fri 2100
6959	E03	Lincolnshire Poacher. Id 80566 USB 26-11-2001 Mon 2100 (AB)
6959.0	E03	02799 USB 12-11-2001 Mon 2200 (GG)
6960	E05	339 not // 9090 03-10-2001 Wed 2200 (HFD)
6960.0	E05	Call 897 USB 12-11-2001 Mon 2200 (GG)
6965	E07	Russian Man in progress AM 19-11-2001 Mon 2105 (HdZ)
6974	M13	417 14-10-2001 Sun 1900 (HFD)
6974	M13	417 15-10-2001 Mon 1900 (HFD)
6974	M13	417 29-10-2001 Mon 2000 (HFD)
6982.0	M08a	ID 94413 08263 95893 CW 11-11-2001 Sun 1300 (MS)
6986	E10	Israeli Intel. ART2 USB 27-10-2001 Sat 1405 (TI)
6986	E10	Israeli Intel. ART USB 06-11-2001 Tue 1502 (TI)
6986	E10	Israeli Intel. ART USB 09-11-2001 Fri 1503 (TI)
6986	E10	Israeli Intel. USB 10-11-2001 Sat 1518 (TI)
6986	E10	Israeli Intel. ART AM 22-11-2001 Thu 2100 (AB)
7044	L9CC	V CP17 CP17 CP17 DE L9CC L9CC L9CC CW 19-11-2001 Mon 2051 (AB)
7052		Jammer 20-11-2001 Tue 1738 (AB)
7057		Jammer 10-11-2001 Sat 1852 (AB)
7058	L9CC	V CP17 CP17 CP17 DE L9CC L9CC L9CC CW 0139
7125		Jammer 10-11-2001 Sat 1854 (AB)
7415	M13	id 254 CW 07-11-2001 Wed 2200 (AB)

7425	M13	272 16-10-2001 Tue 2100 (HFD)
7425	XPH	Sked 841. Long message AM 09-11-2001 Fri 2100 (AB)
7425	XPH	USB 09-11-2001 Fri 2101 (TI)
7425	XPH	Sked 481. Null msg AM 13-11-2001 Tue 2100 (AB)
7425	XPH	Null msg AM 23-11-2001 Fri 2100 (JM5)
7425	XPH	Sked 481. Null msg AM 23-11-2001 Fri 2100 (AB)
7445	E10	Israeli Intel. MIWAQ8NAD USB 06-11-2001 Tue 1603 (TI)
7540	E10	Israeli Intel. JSR USB 27-10-2001 Sat 1404 (TI)
7540	E10	Israeli Intel. JSR USB 27-10-2001 Sat 1433 (TI)
7605	E10	Israeli Intel. VLB2 USB 27-10-2001 Sat 1448 (TI)
7605	E10	Israeli Intel. VLB2 //5230 USB 02-11-2001 Fri 1550
7605	E10	Israeli Intel. VLB2 USB 06-11-2001 Tue 1348 (TI)
7605	E10	Israeli Intel. VLB2 USB 06-11-2001 Tue 1448 (TI)
7605	E10	Israeli Intel. VLB2//5230 USB 06-11-2001 Tue 1548 (TI)
7605	E10	Israeli Intel. VLB2 USB 08-11-2001 Thu 1648 (TI)
7605	E10	Israeli Intel. VLB2//5230 USB 10-11-2001 Sat 1448 (TI)
7724	XPH	Message AM 23-11-2001 Fri 2110 (JM5)
7727	XPH	Sked 771. Null msg AM 09-11-2001 Fri 2110 (AB)
7727	XPH	Sked 771, msg 13-11-2001 Tue 2110 (AB)
7727	XPH	Sked 771. Msg AM 23-11-2001 Fri 2110 (AB)
7750	V09	Guangzhou, Chinese Intel. //10750.0 AM 05-11-2001 Mon 1630 (AY)
7760	E10	Israeli Intel. ULX2 USB 30-10-2001 Tue 1533 (TI)
7760	E10	Israeli Intel. ULX USB 06-11-2001 Tue 1502 (TI)
7760	E10	Israeli Intel. ULX2 USB 06-11-2001 Tue 1535 (TI)
7760	E10	Israeli Intel. ULX2 USB 09-11-2001 Fri 1533 (TI)
7760	E10	Israeli Intel. ULX//6270 USB 10-11-2001 Sat 1504 (TI)
7775	E07	637:1-3427/78 08-10-2001 Mon 2040 (HFD)
7811	E10	Israeli Intel. SYN2 USB 06-11-2001 Tue 1449 (TI)
7811	E10	Israeli Intel. SYN2 USB 08-11-2001 Thu 1648 (TI)
7811	E10	Israeli Intel. SYN2 USB 09-11-2001 Fri 1448 (TI)
7811	E10	Israeli Intel. SYN2 USB 10-11-2001 Sat 1348 (TI)
7811	E10	Israeli Intel. SYN2 USB 10-11-2001 Sat 1449 (TI)
7811	E10	Israeli Intel. SYN2 AM 23-11-2001 Fri 0441 (MADX)
7811	E10	Israeli Intel. SYN2 AM 23-11-2001 Fri 2146 (MADX)
7887.0	V02	3 finals AM 18-11-2001 Sun 0200 (MC)
7887.0	V02a	A ----- 25523; barely audible. AM 11-11-2001 Sun 0200 (BM)
7918	E10	Israeli Intel. YHF USB 27-10-2001 Sat 1404 (TI)
7918	E10	Israeli Intel. YHF USB 27-10-2001 Sat 1432 (TI)
7918	E10	Israeli Intel. YHF USB 27-10-2001 Sat 1502 (TI)
7918	E10	Israeli Intel. YHF USB 02-11-2001 Fri 1502 (TI)
7918	E10	Israeli Intel. YHF USB 02-11-2001 Fri 1604 (TI)
7918	E10	Israeli Intel. YHF USB 06-11-2001 Tue 1402 (TI)
7918	E10	Israeli Intel. USB 06-11-2001 Tue 1418 (TI)
7918	E10	Israeli Intel. YHF //5820 USB 06-11-2001 Tue 1433 (TI)
7918	E10	Israeli Intel. YHF USB 06-11-2001 Tue 1503 (TI)
7918	E10	Israeli Intel. YHF//10648 USB 08-11-2001 Thu 1602 (TI)

7918	E10	Israeli Intel. YHF//5820 USB 09-11-2001 Fri 1433 (TI)
7918	E10	Israeli Intel. YHF//5820 USB 09-11-2001 Fri 1504 (TI)
7918	E10	Israeli Intel. YHF USB 10-11-2001 Sat 1403 (TI)
7918	E10	Israeli Intel. YHF USB 10-11-2001 Sat 1505 (TI)
7918	E10	Israeli Intel YHF AM 23-11-2001 Fri 1500 (AB)
8010	V02a	Atencion in progress AM 23-11-2001 Fri 0618 (MADX)
8025	E10	Israeli Intel. CI02 USB 06-11-2001 Tue 1348 (TI)
8025	E10	Israeli Intel. CI02 USB 06-11-2001 Tue 1450 (TI)
8025	E10	Israeli Intel. CI02//5339 USB 06-11-2001 Tue 1549 (TI)
8025	E10	Mossad, Israeli Intel. CI02 USB 06-11-2001 Tue 1651
8025	E10	Israeli Intel. CI02 USB 08-11-2001 Thu 1649 (TI)
8025	E10	Israeli Intel. CI02 USB 10-11-2001 Sat 1348 (TI)
8025	E10	Israeli Intel. CI02 AM 10-11-2001 Sat 1839 (AB)
8127	E10	KPA2 //6912//5170 USB 30-10-2001 Tue 1518 (TI)
8186	S11a	id 976/00 USB 05-11-2001 Mon 0800
8187	M03	624/00 06-10-2001 Sat 0800 (HFD)
8271	M13	517 = 211 22 = 5FGs ends TTT CW 05-11-2001 Mon 2000 (AB)
8300	V13	New Star BC AM 27-10-2001 Sat 1505 (TI)
8300	V13	New Star BC AM 02-11-2001 Fri 1537 (TI)
8300	V13	New Star BC AM 06-11-2001 Tue 1407 (TI)
8300	V13	New Star BC AM 08-11-2001 Thu 1539 (TI)
8300	V13	New Star BC AM 09-11-2001 Fri 1438 (TI)
8300	V13	New Star BC AM 09-11-2001 Fri 1509 (TI)
8300.0	V13	New Star Broadcasting; very strong (able to receive in am at this qth) AM 20-11-2001 Tue 1510 (BM)
8300.0	V13	New Star AM 21-11-2001 Wed 1330 (BM)
8300.0	V13	New Star AM 21-11-2001 Wed 1400 (BM)
8300.0	V13	New Star AM 21-11-2001 Wed 1430 (BM)
8320		Jammer 20-11-2001 Tue 1602 (AB)
8332		Jammer 10-11-2001 Sat 1817 (AB)
8464	E03	LP 73783 //10426 USB 06-11-2001 Tue 1505 (TI)
8464	E03	LP 02799 USB 08-11-2001 Thu 1604 (TI)
8464	E03	LP 73783 //6485 USB 08-11-2001 Thu 1705 (TI)
8495	MX	Cluster beacon F CW 06-11-2001 Tue 1404 (TI)
8495	MX	Cluster beacon F CW 09-11-2001 Fri 0048 (TI)
8533.0	V02	ID=238 01 / 01 52, 2x "final" in progress, missed first message ID (2x "final" AM 15-11-2001 Thu 0212
8540		Jammer 10-11-2001 sat 1813 (AB)
8550		Jammer 20-11-2001 Tue 1644 (AB)
8588	XSL	Slot machine 10-11-2001 Sat 1851 (AB)
8641	E10	KPA2 //6912//4015 USB 08-11-2001 Thu 1618 (TI)
8700		US PSYOPS 'Commando Solo' feeder USB 10-11-2001 Sat 1510 (AB)
8703,5	XSL	Slot machine 10-11-2001 Sat 1733 (AB)
8805	E10	Israeli Intel. USB 06-11-2001 Tue 1347 (TI)
8805	E10	Israeli Intel. USB 06-11-2001 Tue 1535 (TI)
8805	E10	Mossad, Israeli Intel. PCD2 USB 06-11-2001 Tue 1703

8805	E10	Israeli Intel. ULX2//6270 USB 08-11-2001 Thu 1535 (TI)
8805	E10	Israeli Intel. PCD2//6498 USB 08-11-2001 Thu 1704 (TI)
8805	E10	Israeli Intel. PCD USB 09-11-2001 Fri 1533 (TI)
8805	E10	Israeli Intel. USB 10-11-2001 Sat 1537 (TI)
8828		Jammer 10-11-2001 Sat 1840 (AB)
8841	M13	746 16-10-2001 Tue 2120 (HFD)
8850		Jammer 10-11-2001 Sat 1841 (AB)
8870		Jammer 20-11-2001 Tue 1559 (AB)
8992.0	V02	ID=978 08 / 08 24 2x "final" ; another message over at 0405 (missed ID, 1x "f AM 13-11-2001 Tue 0400
8992.0	V02	A 978/08 49 - on GHFS freq! AM 20-11-2001 Tue 0400
9025.0	V02a	AM 15-11-2001 Thu 0200 (NSC)
9090.0	E05	Call 897 USB 12-11-2001 Mon 2200 (GG)
9115.0	V02	A 663/08 584/03 two-callup variant AM 20-11-2001 Tue 0600 (BM)
9219.0	E05	Call 809 Count 147 746/87 ... USB 12-11-2001 Mon 2200
9251	E03	Lincolnshire Poacher. id 94817 USB 22-11-2001 Thu 2100 (AB)
9251	E03	Lincolnshire Poacher. id 24938 USB 22-11-2001 Thu 2200 (AB)
9251	E03	Lincolnshire Poacher. Id 22689 USB 23-11-2001 Fri 2100
9252	M13	id 714 CW 23-11-2001 Fri 2100 (AB)
9270.0	V02a?	ID=?? in progress AM 21-11-2001 Wed 0606 (BS2)
9323	M08a	Cuban number station. In progress CW 13-11-2001 Tue 1020 (MADX)
9323.0	V02a	in prog; A _____ 22161 _____ ; poor audio AM 15-11-2001 Thu 0416 (BM)
9342	M13	517 15-10-2001 Mon 1900 (HFD)
9342	M13	517 15-10-2001 Mon 2000 (HFD)
9342	M13	517 16-10-2001 Tue 2000 (HFD)
9350		Jammer 20-11-2001 Tue 1552 (AB)
9367	E07	637:1-3427/78 08-10-2001 Mon 2020 (HFD)
9370		Jammer 20-11-2001 Tue 1551 (AB)
9380		Jammer 20-11-2001 Tue 1557 (AB)
9725	V13	New Star BC AM 27-10-2001 Sat 1505 (TI)
9725	V13	New Star BC AM 02-11-2001 Fri 1537 (TI)
9725	V13	New Star BC AM 06-11-2001 Tue 1407 (TI)
9725	V13	New Star BC AM 08-11-2001 Thu 1539 (TI)
9725	V13	New Star BC AM 08-11-2001 Thu 1609 (TI)
9725	V13	New Star BC AM 09-11-2001 Fri 1438 (TI)
9725	V13	New Star BC AM 09-11-2001 Fri 1509 (TI)
10155	XPH	msg 02-10-2001 Tue 2020 (HFD)
10155	XPH	0-msg 05-10-2001 Fri 2020 (HFD)
10200	V22	Beijing, Chinese Intel. AM 09-11-2001 Fri 1500 (AY)
10220		Jammer 23-11-2001 Fri 1525 (AB)
10235.0	M08a	ID 14302 78871 94263 CW 11-11-2001 Sun 0400 (MS)
10248	M16	8BY. DGSE. VVV 8BY 190/682/080/970 CW 22-11-2001 Thu 1347 (AB)

10426	E03	LP 73783 //8464 USB 06-11-2001 Tue 1507 (TI)
10426.0	E03	02799 USB 12-11-2001 Mon 2200 (GG)
10445.0	V02a	A 97595 56232 79022; Note unusual first id ends in 5; repeat of 0200/12165 sked AM 12-11-2001 Mon 0300 (BM)
10446.0	V02a	ID=60013 90602 25952 severely distorted audio, variable signal strength AM 26-11-2001 Mon 0500 (BS2)
10648	E10	Israeli Intel. YHF//7918 USB 08-11-2001 Thu 1603 (TI)
10657	E07	637:1-3427/78 08-10-2001 Mon 2000 (HFD)
10820	E10	Israeli Intel. CI02 USB 02-11-2001 Fri 1551 (TI)
10872	MX	Cluster beacon C CW 06-11-2001 Tue 1405 (TI)
11114	X06	FAPSI. selcall AM 13-11-2001 Tue 1610 (RH2)
11424	M13	714 11-10-2001 Thu 2000 (HFD)
11424	M13	714 12-10-2001 Fri 2000 (HFD)
11424	M13	714 25-10-2001 Thu 2000 (HFD)
11424	M13	714 26-10-2001 Fri 2000 (HFD)
11430	V13	New Star BC AM 27-10-2001 Sat 1505 (TI)
11430	V13	New Star BC AM 02-11-2001 Fri 1537 (TI)
11430	V13	New Star BC AM 06-11-2001 Tue 1407 (TI)
11430	V13	New Star BC AM 08-11-2001 Thu 1539 (TI)
11430	V13	New Star BC AM 08-11-2001 Thu 1609 (TI)
11430	V13	New Star BC AM 09-11-2001 Fri 1438 (TI)
11430	V13	New Star BC AM 09-11-2001 Fri 1509 (TI)
11524	M13	253 04-10-2001 Thu 2000 (HFD)
11524	M13	253 19-10-2001 Fri 2000 (HFD)
11542	XPH	0-msg 05-10-2001 Fri 2000 (HFD)
11545	E03	Lincolnshire Poacher USB 02-11-2001 Fri 1535 (TI)
11545	E03	LP //13375 USB 06-11-2001 Tue 1635 (TI)
11545	E03	Lincolnshire Poacher 47676 USB 09-11-2001 Fri 1506
11545	E03	Lincolnshire Poacher USB 10-11-2001 Sat 1523 (TI)
11545	E03	Lincolnshire Poacher. Id 80586 USB 22-11-2001 Thu 1500 (AB)
11565	E10	Israeli Intel. USB 27-10-2001 Sat 1448 (TI)
11565	E10	Israeli Intel. in progress USB 02-11-2001 Fri 1604
11565	E10	Israeli Intel. EZI USB 06-11-2001 Tue 1432 (TI)
11565	E10	Israeli Intel. EZI USB 06-11-2001 Tue 1633 (TI)
11565	E10	Mossad, Israeli Intel. EZI USB 06-11-2001 Tue 1702
11565	E10	Israeli Intel. USB 08-11-2001 Thu 1649 (TI)
11565	E10	Israeli Intel. EZI USB 08-11-2001 Thu 1704 (TI)
11565	E10	Israeli Intel. EZI USB 09-11-2001 Fri 1434 (TI)
11565	E10	Israeli Intel. EZI USB 10-11-2001 Sat 1434 (TI)
11565.0	E10	ID=?? count=67 in progress, unusually strong, legible signal USB 20-11-2001 Tue 0440 (BS2)
11565.0	E10	ID=?? count=?? in progress, unusually strong, legible signal USB 20-11-2001 Tue 0440 (BS2)
11634	XPH	Null message AM 09-11-2001 Fri 0700 (AB)
11634	XPH	Sked 648. Msg AM 23-11-2001 Fri 0700 (AB)
12105	XPH	msg 02-10-2001 Tue 0600 (HFD)
12105	XPH	msg 05-10-2001 Fri 0600 (HFD)

12134	X06	FAPSI. Mazielka calls + rtty msgs AM 23-11-2001 Fri 0540 (RH2)
12165.0	V02a	A 97595 56232 79022; Note unusual first id ends in 5 AM 12-11-2001 Mon 0200 (BM)
12176	M42	FAPSI in progress RTTY 13-11-2001 Tue 0856 (HPT)
12603	E03	Lincolnshire Poacher. Id 80586 USB 22-11-2001 Thu 1500 (AB)
13375	E03	LP //11545 USB 06-11-2001 Tue 1637 (TI)
13375	E03	Lincolnshire Poacher. Id 80586 USB 22-11-2001 Thu 1500 (AB)
13375	E03	Lincolnshire Poacher. Id 00943 USB 26-11-2001 Mon 1500 (AB)
13418		Jammer 26-11-2001 Mon 1505 (AB)
13423		Jammer 26-11-2001 Mon 1505 (AB)
13434	XPH	Null message AM 09-11-2001 Fri 0720 (AB)
13434	XPH	Sked 648. Msg AM 23-11-2001 Fri 0720 (AB)
13470	M42	FAPSI. Msgs on link 80061 from VNB to WQL RTTY 26-11-2001 Mon 1430 (AB)
13505	XPH	msg 05-10-2001 Fri 0620 (HFD)
13528	MX	Cluster beacon F CW 27-10-2001 Sat 0620 (TI)
13528	MX	Cluster beacon F CW 09-11-2001 Fri 0048 (TI)
13533	E10	Israeli Intel. EZI USB 27-10-2001 Sat 1432 (TI)
13533	E10	Israeli Intel. EZI2 USB 06-11-2001 Tue 1504 (TI)
13533	E10	Israeli Intel. USB 10-11-2001 Sat 1435 (TI)
13750.0	V13	new star broadcasting USB 14-11-2001 Wed 1430 (BM)
14000	E10	ABC AM 1700
14000	E10	ART2 with intervals of 30 seconds till 1500. Then at 1500 only 'Alpha' followed by a slow '-.', or 'A' in morse; then s/off AM 20-11-2001 Tue 1458 (AB)
14000	E15	FYP QRU USB 1100
14000	E15	FYP QRU USB 1600
14000	E15	FYP QRU USB 1700
14475	M42	FAPSI. Msg on link 60047 RTTY 16-11-2001 Fri 0830 (AB)
14487	E03	Lincolnshire Poacher USB 27-10-2001 Sat 1401 (TI)
14570.0	E06	could also have been AM, English Man, ended 0-0-0-0-0 USB 18-11-2001 Sun 1330 (SE)
14739	E05	//16198 USB 02-11-2001 Fri 1536 (TI)
14739	E05	389 //16198 USB 06-11-2001 Tue 1506 (TI)
14739	E05	Counting station //16198.0 ID389 USB 09-11-2001 Fri 1500 (AY)
14739	E05	389//16198 USB 09-11-2001 Fri 1508 (TI)
14805	M42	FAPSI. unid link. Long message with lots of huck-ups and ops chat at the end RTTY 26-11-2001 Mon 1512 (AB)
14834	XPH	Sked 648. Msg AM 23-11-2001 Fri 0740 (AB)
15682	E03	Lincolnshire Poacher USB 14-11-2001 Wed 1307 (HPT)
15770		Russian Lady with a Tajik transmission 464 464 464 597 597 13 13 5FGs. Ends with 00000 AM 28-10-2001 Sun
16084	E03	Lincolnshire Poacher in progress USB 15-11-2001 Thu

1445 (MADX)

16198	E05	//14739 USB 02-11-2001 Fri 1536 (TI)
16198	E05	389 //14739 USB 06-11-2001 Tue 1506 (TI)
16198	E05	389//14739 USB 09-11-2001 Fri 1508 (TI)
16332	MX	Cluster beacon F CW 27-10-2001 Sat 0620 (TI)
16332	MX	Cluster beacon F CW 09-11-2001 Fri 0049 (TI)
17330.0	M23	555 (R10) (null sked) CW 10-11-2001 Sat 2100 (MS)
17410	E10	Israeli Intel. EZI2 USB 06-11-2001 Tue 1332 (TI)
17410	E10	Israeli Intel. USB 06-11-2001 Tue 1536 (TI)
17410	E10	EZI AM 20-11-2001 Tue 1530 (AB)
17428	M12	864 864 864 1, then 555 (x5) 27 5FGs, short zero. Ends with 000 000 CW 13-11-2001 Tue 1456 (HPT)
17428.0	M12	"846(x3) 1" repeated, then into "555 (x5) 27" then 5FGs. QRT w/000 000 CW 13-11-2001 Tue 1456 (MADX)
17460		Russian Man with a Farsi transmission 464 464 464 925 925 10 10 5FGs. Ends with 00000 AM 28-10-2001 Sun 1200
18242.0	E06	Russian man c/s 265 AM 04-11-2001 Sun 1230 (PILE)
18415	M16	8BY. DGSE 3FGs CW 14-11-2001 Wed 1450 (RGA)
18460.0	M23	555 (R10) (null sked) CW 10-11-2001 Sat 1930 (MS)
19300.0	M23	555 (R10) (null sked) CW 10-11-2001 Sat 1900 (MS)
19300.0	M23	555 (R10) (null sked) CW 11-11-2001 Sun 1900 (MS)
19715	E10	Israeli Intel. EZI USB 27-10-2001 Sat 1403 (TI)
19715	E10	Israeli Intel. EZI USB 30-10-2001 Tue 1532 (TI)
19715	E10	Israeli Intel. USB 06-11-2001 Tue 1536 (TI)
19820.0	M23	310 (R10) (null sked) CW 10-11-2001 Sat 1800 (MS)
19884.0	E04	//21866.0 USB 16-11-2001 Fri 0100 (RU)
20615	M42	FAPSI in progress RTTY 13-11-2001 Tue 0932 (HPT)
20615	M42	FAPSI. in progress RTTY 16-11-2001 Fri 0920 (HPT)
20946	M16	8BY. DGSE VVV 8BY 455/308/673/739/302 CW 13-11-2001 Tue 1346 (MADX)
20946.0	M16	8BY "vvv vvv vvv 8by 8by 8by 473/906/037_/100/605/933" CW 10-11-2001 Sat 1045 (ANEUR)
21866.0	E04	//19884.0 USB 16-11-2001 Fri 0100 (RU)
21930	E10	Israeli Intel. USB 06-11-2001 Tue 1536 (TI)
23740	E10	Israeli Intel. EZI USB 27-10-2001 Sat 1402 (TI)
23740	E10	Israeli Intel. USB 06-11-2001 Tue 1417 (TI)

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